

CONTENTS

E. T. Bell: Harry Bateman	105
S. Bergman: Construction of a complete set of solutions of a linear partial differential equation in two variables by use of punch card machines	233
E. Bodewig: On Graeffe's method for solving algebraic equations	177
F. D. Carlson: (<i>See G. F. Carrier</i>)	
J. F. Carlson and A. E. Heins: The reflection of an electromagnetic plane wave by an infinite set of plates, I	313
G. F. Carrier and F. D. Carlson: On the propagation of small disturbances in a moving compressible fluid	1
G. F. Carrier: The propagation of waves in orthotropic media	160
G. F. Carrier: The boundary layer in a corner	367
H. A. Elliott: (<i>See I. N. Sneddon</i>)	
G. H. Handelman, C. C. Lin and W. Prager: On the mechanical behaviour of metals in the strain-hardening range	397
W. D. Hayes: Transformation groups of the thermodynamic variables	227
W. D. Hayes: Linearized supersonic flows with axial symmetry	255
A. E. Heins: (<i>See J. F. Carlson</i>)	
G. Horvay: Unstable solutions of a class of Hill differential equations	385
J. C. Jaeger: Some applications of the repeated integrals of the error function	100
J. C. Jaeger: On the repeated integrals of Bessel functions	302
R. King and D. Middleton: Correction and supplement to our paper "The cylindrical antenna: current and impedance"	199
Yung-Huai Kuo: The propagation of a spherical or cylindrical wave of finite amplitude and the production of shock waves	349
C. C. Lin: On an extension of the von Karman-Tsien method to two-dimensional subsonic flows with circulation around closed profiles	291
C. C. Lin: (<i>See G. H. Handelman</i>)	
S. Lubkin and J. J. Stoker: Corrections to our paper "Stability of columns and strings under periodically varying forces"	309
H. B. Mann: A note on the correction of Geiger Müller counter data	307
M. H. Martin: A problem in the propagation of shock	330
D. Middleton: (<i>See R. King</i>)	
R. D. Mindlin: The analogy between multiply-connected slices and slabs	279
H. Motz: The treatment of singularities of partial differential equations by relaxation methods	371
K. L. Nielsen and J. L. Synge: On the motion of a spinning shell	201
S. Paterson: On certain integrals in the theory of heat conduction	305
W. H. Pell: Thermal deflections of anisotropic thin plates	27
W. Prager: The general variational principle of the theory of structural stability	378
W. Prager: (<i>See G. H. Handelman</i>)	
H. A. Rademacher and I. J. Schoenberg: An iteration method for calculation with Laurent series	142
E. Reissner: Analysis of shear lag in box beams by the principle of minimum potential energy	268

C. Saltzer: A remark on the rectification of the Joukowski profile	196
H. E. Salzer: Note on a formula for the solution of an arbitrary analytic equation.	306
I. J. Schoenberg: Contributions to the problem of approximation of equidistant data by analytic functions. Part A—On the problem of smoothing or graduation. A first class of analytic approximation formulae.	45
I. J. Schoenberg: Contributions to the problem of approximation of equidistant data by analytic functions. Part B—On the problem of osculatory interpolation. A second class of analytic approximation formulae.	112
I. J. Schoenberg: (<i>See H. A. Rademacher</i>)	
W. R. Sears: On compressible flow about bodies of revolution	191
W. R. Sears: On projectiles of minimum wave drag	361
I. N. Sneddon and H. A. Elliott: The opening of a Griffith crack under internal pressure	262
H. J. Stewart: The lift of a delta wing at supersonic speeds	246
J. J. Stoker: (<i>See S. Lubkin</i>)	
A. C. Sugar: On the numerical treatment of forced oscillations	193
J. L. Synge: Reflection in a corner formed by three plane mirrors	166
J. L. Synge: (<i>See K. L. Nielson</i>)	
C. J. Tranter: On the elastic distortion of a cylindrical hole by a localised hydrostatic pressure	298
Shao Wen Yuan: Thin cylindrical shells subjected to concentrated loads	13
Bibliographical Lists	104, 312
Book Reviews	104, 310

